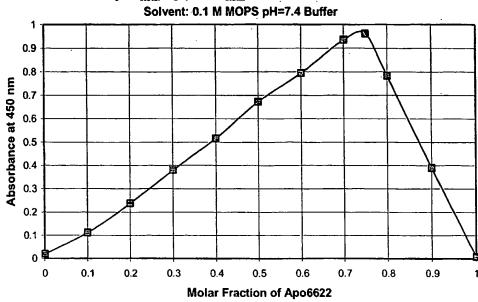
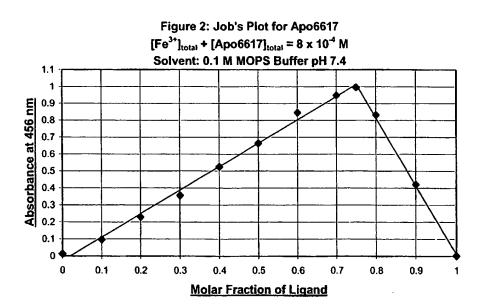
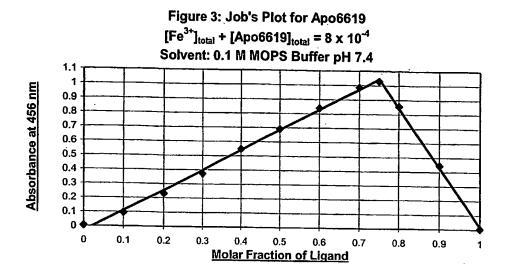
Figure 1: Job's Plot for Apo6622

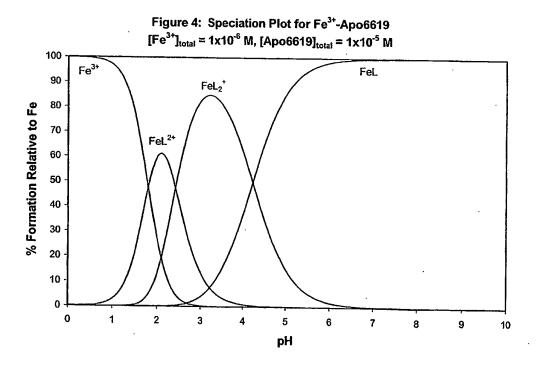
[Fe³⁺]_{total} + [Apo6622]_{total} = Constant = 8x10⁻⁴ M

Solvent: 0.1 M MOPS pH=7.4 Buffer









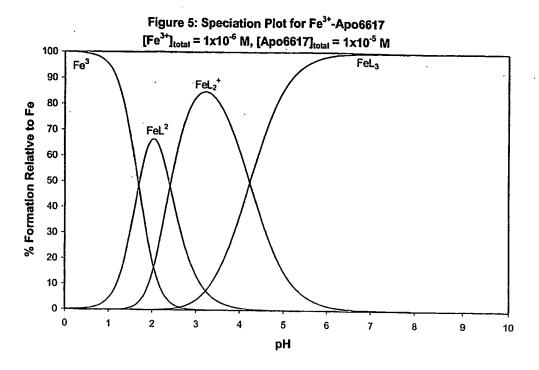
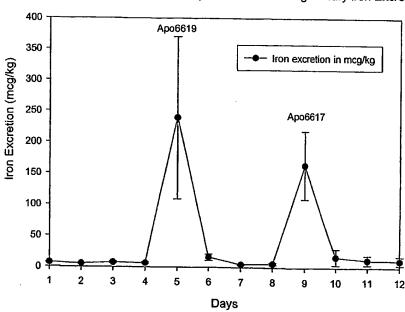


Figure 6

Effectiveness of Apo6619 and Apo6617 in Promoting Urinary Iron Excretion



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5 Figure 7

The crystal structure of Fe(Apo6617)₃.

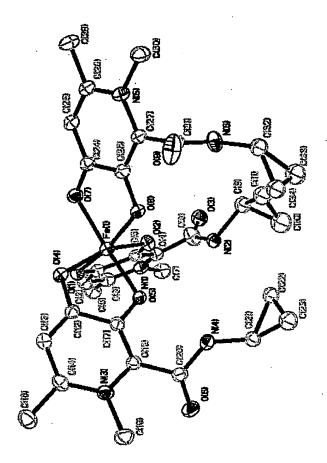
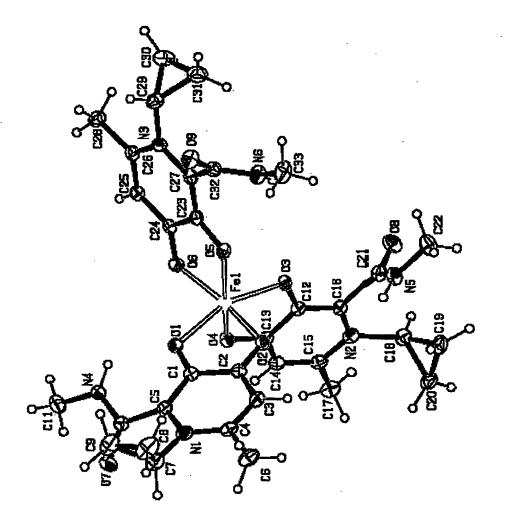


FIG. 8 Single Crystal Structure of Fe(Apo6619)₃ chelate



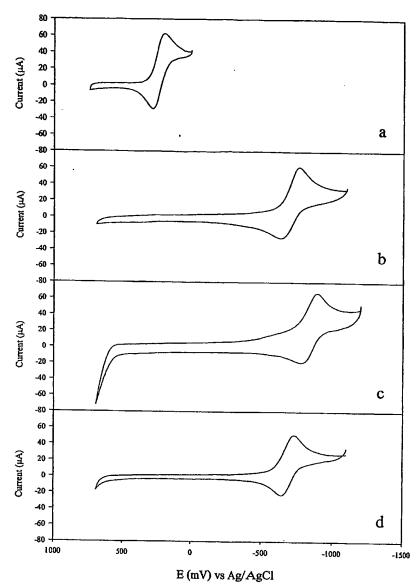


FIG. 9 Cyclic voltammogram of a. $K_3Fe(CN)_{6,;}$ b. Fe(DFO); c. Fe(deferiprone); d. $Fe(Apo6619)_3$ at pH 7.4. $K_3Fe(CN)_6$ is used as an standard to validate the results.